

Comparisons of Job Characteristics

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)
Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 54

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Telecommunications | 3.9 | 19.3 | 7.3 | << | Extensive education and/or training may be required |
| Computers and Electronics | 8.4 | 15.4 | 10.9 | << | Extensive education and/or training may be required |
| Mechanical | 6.8 | 12.4 | 19.8 | >> | Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 35

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Troubleshooting | 4.5 | 11.8 | 10.4 | < | A higher skill level may be required |
| Quality Control Analysis | 5.9 | 11.5 | 11.6 | 0 | Current skill level may be sufficient |
| Operation Monitoring | 6.6 | 11.4 | 10.1 | < | A higher skill level may be required |
| Repairing | 3.4 | 10.6 | 10.0 | 0 | Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 10.3 | 10.1 | 0 | Current skill level may be sufficient |
| Operation and Control | 5.4 | 10.0 | 8.5 | < | A higher skill level may be required |
| Equipment Selection | 3.3 | 9.2 | 7.5 | < | A higher skill level may be required |
| Installation | 1.7 | 7.7 | 3.4 | << | Extensive development of skills in this area may be required |
| Programming | 2.2 | 5.2 | 2.7 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 71 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Visual Color Discrimination | 6.4 | 12.9 | 9.1 | << | Extensive improvement in abilities may be required |
| Finger Dexterity | 7.6 | 12.0 | 9.2 | << | Extensive improvement in abilities may be required |
| Manual Dexterity | 6.5 | 11.4 | 7.7 | << | Extensive improvement in abilities may be required |
| Visualization | 7.5 | 11.0 | 10.4 | 0 | Current ability level may be sufficient |
| Gross Body Equilibrium | 3.2 | 8.6 | 3.8 | << | Extensive improvement in abilities may be required |
| Gross Body Coordination | 3.9 | 8.3 | 5.2 | << | Extensive improvement in abilities may be required |
| Glare Sensitivity | 2.6 | 6.1 | 4.8 | < | Some improvement in abilities may be required |
| Night Vision | 2.1 | 5.9 | 3.7 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 61 |
|--|-------------------------|---|
| Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022) | | |
| Work Activities | Exclusivity of Activity | |
| Determine installation, service, or repair needed | 58 | |
| Estimate materials or labor requirements | 61 | |
| Read blueprints | 10 | |
| Read schematics | 34 | |
| Read technical drawings | 7 | |
| Read work order, instructions, formulas, or processing charts | 9 | |
| Understand service or repair manuals | 40 | |
| Understand technical operating, service or repair manuals | 6 | |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

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Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.